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NOTICE OF ALLOWANCE AND FEE(S) DUE

49715 7590 12/23/2008

CISCO - THELEN LLP
P.O. BOX 640640
SAN JOSE, CA 95164-0640

EXAMINER

DINH, KHANH Q

ART UNIT

PAPER NUMBER

2451

DATE MAILED: 12/23/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/452,285

11/30/1999

BRIAN LO BUE

CISCO-1515

1104

TITLE OF INVENTION: ACTIVE CALL CONTEXT RECONSTRUCTION FOR PRIMARY/BACKUP RESOURCE MANAGER SERVERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	03/23/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

49715 7590 12/23/2008

CISCO - THELEN LLP
P.O. BOX 640640
SAN JOSE, CA 95164-0640

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/452,285 11/30/1999 BRIAN LO BUE CISCO-1515 1104

TITLE OF INVENTION: ACTIVE CALL CONTEXT RECONSTRUCTION FOR PRIMARY/BACKUP RESOURCE MANAGER SERVERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	03/23/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
DINH, KHANH Q	2451	709-001000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/452,285	11/30/1999	BRIAN LO BUE	CISCO-1515	1104
49715	7590	12/23/2008	EXAMINER	
CISCO - THELEN LLP P.O. BOX 640640 SAN JOSE, CA 95164-0640			DINH, KHANH Q	
			ART UNIT	PAPER NUMBER
			2451	
DATE MAILED: 12/23/2008				

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	09/452,285	BUE ET AL.	
	Examiner	Art Unit	
	Khanh Q. Dinh	2451	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/30/2008.
2. ☒ The allowed claim(s) is/are 1-4,13,16,20-24,26,30-32,52,63-65,68,78-80,85,88,90 and 91.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

/Khanh Q Dinh/
Primary Examiner, Art Unit 2451

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas Frame (the Undersigned Attorney, Reg. No.47,232) on 12/17/2008.

The application has been amended as follows:

IN THE CLAIMS:

Please **cancel** claims 9-12, 17-19, 66, 67, 69-77, 81-84, 87.

Please **amend** claims as follows:

1. (Currently Amended) A backup server for enabling a data communications network to recover from a local server failure, the backup server comprising:
an information packet requester configured to request an information packet from a memory associated with the a network access server (NAS) in response to a call received from the NAS, if the call information is not available to the backup server, the information packet associated with an ongoing call placed by a call-in user via the NAS, the information packet containing call information for maintaining connection of the ongoing call if the local server fails;

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an encoder associated with the local server and configured to generate an information packet associated with an ongoing call placed by the call-in user via the NAS, wherein the information packet containing call information for maintaining connection of the ongoing call if the local server fails;

a sender configured to transmit for transmitting the information packet from the encoder to a memory associated with the NAS, the information packet being stored in the memory;

a call coupler associated with the NAS and configured to couple for coupling the call to the local server if the local server does not fail, the call coupler further configured to couple and for coupling the call to the backup server if the local server fails;

an information packet receiver responsive to the local server failure, the information packet receiver receiving the information packet from a memory associated with a network access server (NAS), the NAS configured to couple capable of coupling a call placed from the call-in user to the data communications network and providing a network connection to the local server; and

a parser configured to reconstruct for reconstructing the call information from the information packet, such that the backup server maintains the ongoing call to the data communications network.

2. (Previously Presented) A backup server according to claim 1, wherein the call information comprises server-state attribute (SSA) having an attribute/value pair that can be parsed into a plurality of separate data entries.

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3. (Previously Presented) A backup server according to claim 1, wherein the information packet further comprises a plurality of aggregated data elements from a call attribute table.

4. (Previously Presented) A backup server according to claim 3, wherein the plurality of aggregated data elements are separated by the parser for reconstructing the call information from the information packet.

5-12. (Cancelled)

13. (Previously Presented) A system for maintaining a call placed by a call-in user to a data communications network, the system comprising:

a memory associated to a network access server (NAS), the NAS configured to couple capable of coupling a call placed from the call-in user to the data communications network and providing a network connection to a local server;

an encoder associated with the local server and configured to generate an information packet associated with an ongoing call placed by the call-in user via the NAS, wherein the information packet containing call information for maintaining connection of the ongoing call if the local server fails;

a sender configured to transmit for transmitting the information packet from the encoder to a memory associated with the NAS, the information packet being stored in the memory;

a call coupler associated with the NAS and configured to couple for coupling the call to the local server if the local server does not fail, the call coupler further configured to couple and for coupling the call to the backup server if the local server fails;

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an information packet forwarder configured to transmit for transmitting the information packet from the associated memory to the backup server if the local server fails the information packet forwarder further comprising an information packet requester associated with the backup server for requesting the information packet from the memory associated with the NAS in response to the call received from the NAS, if the call information is not available to the backup server; and a parser associated with the backup server and configured to reconstruct for reconstructing the call information from the information packet such that the backup server can recover the call information and serve the call without disconnecting the user from the network.

14-15. (Cancelled).

16. (Previously Presented) A system according to claim 13, wherein the information packet forwarder further comprises:

an information packet sender associated with the NAS and configured to transmit for transmitting the information packet in response to a request from the information packet requester.

17-19 (Cancelled).

20. (Previously Presented) A server backup system for maintaining an ongoing call placed by a call-in user to a network, the system comprising:

a backup server connected to the network, the backup server configured to service of servicing the call;

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an encoder associated with a server servicing the call, the encoder generating an information packet associated with an ongoing call placed by the call-in user via a network access server (NAS) configured to couple capable of coupling the call from the user to the network, the NAS further configured to provide and providing a network connection to the server, the information packet containing call information for maintaining connection of the ongoing call;

a sender associated with the server, the sender configured to transmit transmitting the information packet to a memory associated with the NAS, the memory configured to store ~ the information packet;

a call coupler associated with the NAS, the call coupler configured to roll ~ over the call to the backup server if the server fails;

an information packet requester associated with the backup server, the information packet requester configured to request for requesting the information packet from the memory associated with the NAS in response to the call received from the NAS, if the call information is not available to the backup server; and

a parser associated with the backup server and configured to reconstruct, for reconstructing the call information from the information packet.

21. (Previously Presented) A server backup system according to claim 20, wherein the call information comprises server-state attribute data having an attribute/value pair that can be parsed into a plurality of separate data entries.

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22. (Previously Presented) A server backup system according to claim 20, wherein the information packet further comprises a plurality of aggregated data elements from a call attribute table.

23. (Previously Presented) A server backup system according to claim 22, wherein the plurality of aggregated data elements of the information packet are separated by the parser for reconstructing the call information from the information packet.

24. (Previously Presented) A server backup system according to claim 20, wherein the server is a resource pool manager server (RPMS).

25. (Cancelled)

26. (Previously Amended) A server backup system according to claim 20, further comprising: a failure detector associated with the NAS; and configured to detect for detecting the failure of the server.

27-29. (Cancelled)

30. (Previously Presented) A server backup system for maintaining an ongoing call placed by a call-in user to a network, the system comprising:

a first server connected to the network and configured to service for servicing the call; a second server connected to the network and configured to service for servicing the call if the first server fails; and

a network access server (NAS) configured to couple capable of coupling a call placed by a call-in user to the network and providing a network connection to a server, the NAS coupling the call

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from the call-in user to the first server if the first server does not fail, and coupling the call to the second server if the first server fails, the NAS including a memory associated therewith, wherein the first server comprises:

an encoder configured to generate for generating an information packet associated with an ongoing call placed by the call-in user via the NAS, the information packet containing call information for maintaining connection of the ongoing call if the first server fails; and a sender configured to transmit for transmitting the information packet from the encoder to the memory associated with the NAS, the memory storing the information packet, and

wherein the second server comprises:

an information packet requester configured to request for requesting the information packet from the memory in response to the call received from the NAS, if the call information is not available to the second server; and

a parser configured to reconstruct for reconstructing the call information from the information packet.

31. (Previously Amended) A server backup system according to claim 30, wherein the NAS further comprises:

a failure detector configured to detect for detecting the failure of the second server.

32. (Previously Presented) A server backup system according to claim 30, wherein the first server is a resource pool manager server (RPMS) and the second server is a backup RPMS.

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33-62.(Canceled)

63. (Previously Presented) A method performed by backup server for enabling a data communications network to recover from a local server failure, the method comprising: if the local server fails and if an information packet associated with an ongoing call placed by a call-in user is not available, requesting the information packet from a memory associated with a network access server (NAS) in response to a call placed from the call-in user to the data communications network, the information packet containing call information for maintaining connection of the ongoing call if the local server fails; receiving the an information packet from the a memory in response to the a local server failure, the NAS configured to couple capable of coupling a call placed from a call-in user to the data communications network, the NAS further configured to provide and providing a network connection to a local server; and reconstructing the call information from the information packet so as to maintain the ongoing call to the data communications network.

64. (Previously Presented) A method according to claim 63, wherein the call information comprises server-state attribute (SSA) data having an attribute/value pair, the reconstructing comprising: parsing the SSA data into a plurality of separate data entries.

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65. (Previously Presented) A method according to claim 64, further comprising:
petitioning to the NAS for the information packet after the NAS requests the call
information; and
sending the call information to the NAS after completing the reconstructing.

66-67 (Cancelled).

68. (Previously Presented) A method for maintaining a call placed by a call-in user to a data
communications network, the method comprising:
generating an information packet associated with an ongoing call placed by the call-in user via a
network access server (NAS), wherein the information packet containing call information of an
ongoing call for maintaining connection of the call if the local server fails;
transmitting the information packet to the memory associated with the NAS, the information
packet being stored in a memory associated with the NAS, the NAS configured to the call-in user
to the data
communications network and providing a network connection to the local server; coupling the
call to the local server if the local server does not fail, and coupling the call to
the backup server if the local server fails;
transmitting the information packet from the memory associated with NAS to the backup server
via an information packet requester associated with the backup server if the local
server fails and the information is not available to the backup server; and
reconstructing the call information from the information packet such that the backup server can

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recover the call context and serve the ongoing call without disconnecting the user from the network.

69-77 (Cancelled).

78. (Currently Amended) An apparatus for enabling a data communications network to recover from a local server failure, the data communications network including a network access server (NAS) configured to couple capable of coupling a call placed from a call-in user to the data communications network and providing a network connection to the local server, the NAS having a memory associated therewith, the apparatus comprising:

means for, if the local server fails and if an information packet associated with an ongoing call placed by a call-in user is not available, requesting the information packet from a memory associated with a network access server (NAS) in response to a call placed from the call-in user to the data communications network, the information packet containing call information for maintaining connection of the ongoing call if the local server fails;

means for receiving the an information packet from the a memory associated in response to the a local server failure, the NAS configured to couple a call placed from a call-in user to the data communications network, the NAS further configured to provide and providing a network connection to a local server; and

means for reconstructing the call information from the information packet so as to maintain the ongoing call to the data communications network.

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79. (Previously Presented) An apparatus according to claim 78, wherein the call information comprises server-state attribute (SSA) data having an attribute/value pair, the means for reconstructing comprising:
means for parsing the SSA data into a plurality of separate data entries.

80. (Previously Presented) An apparatus according to claim 79, further comprising:
means for petitioning to the NAS for the information packet after the NAS requests the call information; and
means for sending the call information to the NAS after completing the reconstructing.

81-84 (Cancelled).

85. (Previously Presented) A backup server according to claim 1, wherein the call information comprises at least one of:
Dialed Number Information Service (DNIS) address;
call type;
Calling Line Identification (CLID); and service accounting information.

86-87. (Cancelled)

88. (Previously Presented) A system according to claim 13, wherein the call information comprises at least one of:

Dialed Number Information Service (DNIS) address;
call type;
Calling Line Identification (CLID); and
service accounting information.

89. (Cancelled)

90. (Previously Presented) A server backup system according to claim 20, wherein the call information comprises at least one of:

Dialed Number Information Service (DNIS) address;
call type;
Calling Line Identification (CLID); and
service accounting information.

91. (Previously Presented) A server backup system according to claim 30, wherein the call information comprises at least one of:

Dialed Number Information Service (DNIS) address;
call type;
Calling Line Identification (CLID); and
service accounting information.

Allowable Subject Matter

2. Claims 1-4, 13, 16, 20-24, 26, 30-32, 52, 63-65, 68, 78-80, 85, 88, 90-91 are allowed.

Reason for allowance

3. This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104(e). In this case, the substance of applicant's remarks filed on 09/30/2008 with respect to the added claim limitation point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, FOLLANSBEE JOHN, can be reached on (571) 272-3964. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 09/452,285
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/Khanh Dinh/

Primary Examiner, Art Unit 2451